

Automated Software Engineering (ASE2005)

Nov. 7-11, Long Beach, California, USA

<http://www.ase-conference.org/>**Call for Papers**

The IEEE/ACM International Conference on Automated Software Engineering brings together researchers and practitioners to share ideas on the foundations, techniques, tools, and applications of automated software engineering technology. We invite contributions that address theoretical foundations, practical techniques, software tools, applications and/or experience reports in automated software engineering. ASE2005 will include technical papers, invited talks, tutorials, workshops, tool demonstrations, and a doctoral symposium.

SCOPE

ASE2005 encourages contributions describing basic research, novel applications, and experience reports relevant to automating software engineering activities. Solicited topics include, but are not limited to:

- Automated reasoning techniques
- Automated software specification
- Automated software design and synthesis
- Category and graph-theoretic approaches
- Component-based systems
- Computer-supported cooperative work
- Configuration management
- Domain modeling and meta-modeling
- Human computer interaction
- Knowledge acquisition
- Maintenance and evolution
- Modeling language semantics
- Ontologies and methodologies
- Open systems development
- Process and workflow management
- Program understanding
- Re-engineering
- Reflection and metadata approaches
- Requirements engineering
- Reuse
- Specification languages
- Software architectures
- Software design and synthesis
- Software visualization
- Testing
- Tutoring, help, documentation systems
- Verification and validation

SUBMISSIONS

Accepted papers will be published in the conference proceedings. In addition, authors of a selection of papers from the conference will be invited to revise and re-submit their papers for consideration for a special issue of the Journal of Automated Software Engineering (Springer).

Papers should not exceed 10 pages in the ACM Proceedings Format. Papers will be reviewed by at least three program committee members. All papers, especially application papers and experience reports, should clearly identify their novel contributions. All papers should be submitted electronically in PDF format by **June 6, 2005** (abstracts should be submitted by **May 31**) through the conference website.

OTHER CALLS

ASE2005 also invites submissions of proposals for *workshops*, *half-day/full-day tutorials*, and *tool demonstrations*, as well as contributions to the *Doctoral Symposium*. Please send your submissions to corresponding chairs of the conference.

More details are available at <http://www.ase-conference.org/>

IMPORTANT DATES

May 31, 2005	Electronic Abstract of Paper
Jun 6, 2005	Paper submission deadline
Jun 17, 2005	Tutorials, Tool Demonstration, Workshop Proposals, and Doctoral Symposium submissions deadline
Nov 7, 2005	Doctoral Symposium
Nov 7-8, 2005	Workshops
Nov 7-8, 2005	Tutorials
Nov 9-11, 2005	Main Conference

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